

## IRIS-SCREW

~5° spot beam with holder optimized for CREE XM-L. Assembly with screws.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	27.3 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

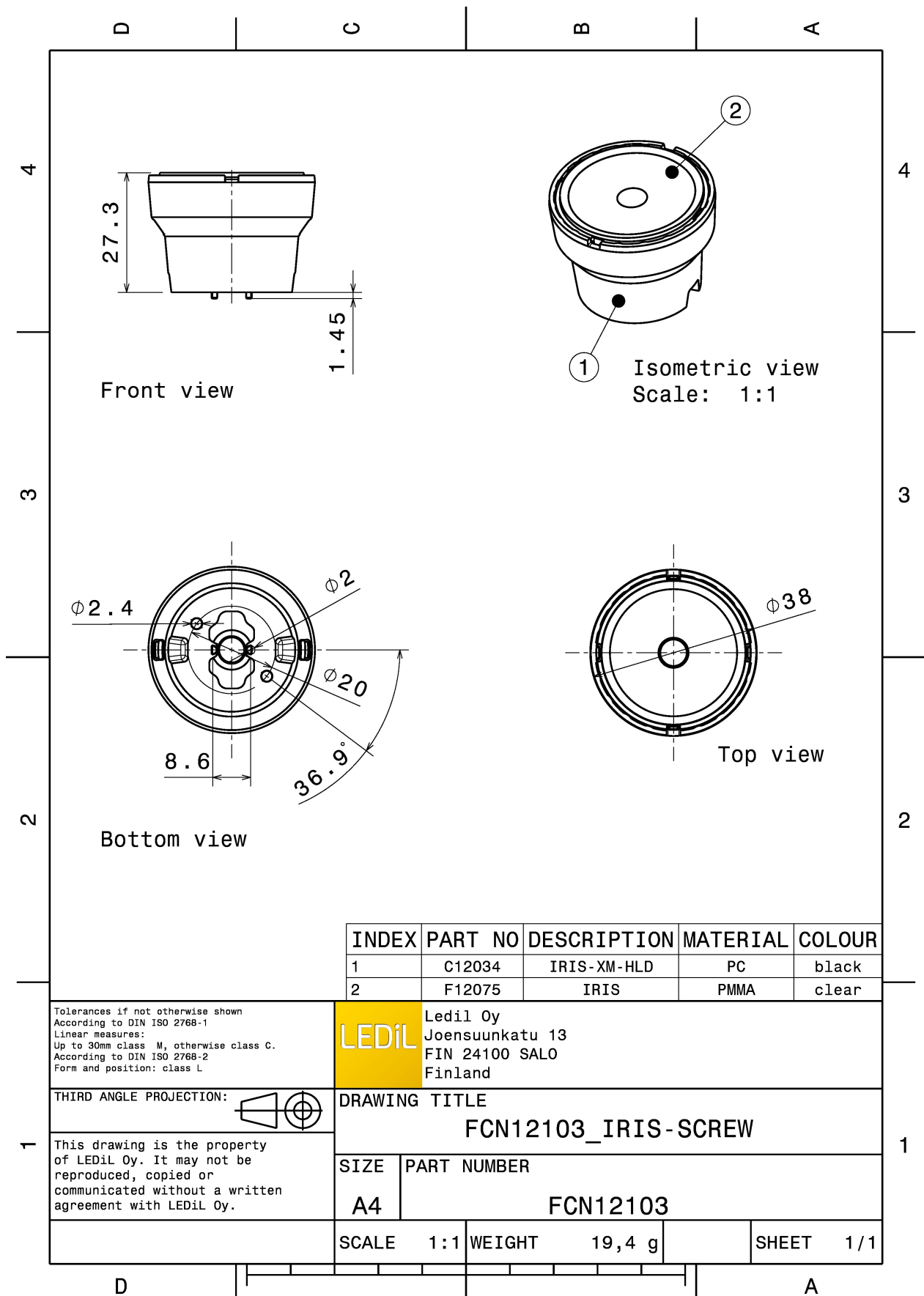
Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-XM-HLD	Holder	PC	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCN12103_IRIS-SCREW	Single lens	360	90	90	0.0
» Box size:					









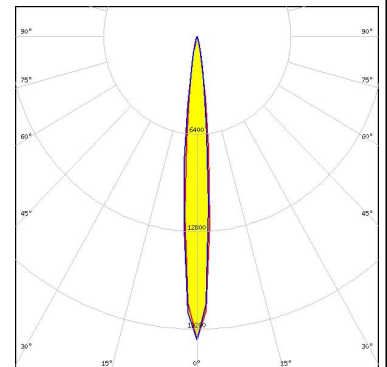
### PHOTOMETRIC DATA (MEASURED):



LED XM-L  
FWHM 9.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED XM-L2  
FWHM 10.0°  
Efficiency 88 %  
Peak intensity 19.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



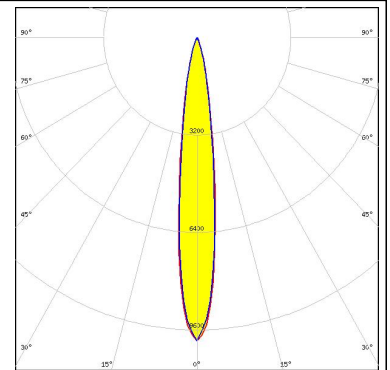


### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

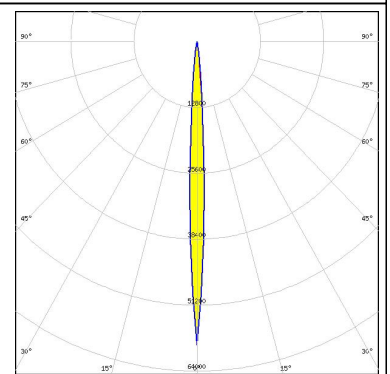
Opto Semiconductors

LED Duris S8  
FWHM 14.0°  
Efficiency 94 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED LM101B  
FWHM 6.0°  
Efficiency 92 %  
Peak intensity 58.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

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